1986 ANNUAL PCB REPORT

UNION CARBIDE CORPORATION
SISTERSVILLE, WV

LIQUID FILLED POWER CAPACITORS

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS	₩. #
1	Sub B NE Wall	3.1	17.6				,			•
_ 2	11	tt ·	11							
_3*	n	.11	tt						•	
4	11	11	11			,	ı			ماسم.
5	Comp Bldg. 42 MCC	11	tt						· · · · · · · · · · · · · · · · · · ·	-
6	31	11 -	11			-	•			-
7	Steam Plant C-117E	11	11	1/82	1/82	Paden City	12/6/82	ÉNSCO	(1),(2)	
8	11 7	11 -	Ħ,	11	TI.	11	11	11	II ·	
9	Starter End	11	Ħ,	10/2/85	10/2/85	Sistersvil	e 10/1/86	CHEM WSTE	(4)	
10	11	11	11	er ,	31	Plant "	. 11	11	11	
	11 .	11	Ħ	11	11	11	11	99	11	
_12	11	11	†I	11	Ħ	11	LI	. 11		-
13	Sub A MCC	11	11			, .		,		
14	11	Ħ	11							
15	11	- 17	11							
16	Sub_E1	10.0	56.8	9/16/86	9/16/86	Sistersville	·			
17	11	11	11	17	Ħ	Plant,	,			
· 18	Sub E1 & E2	3.1	17.6			·				
19	11	11	11	·						
20	11	. 11	11		·					

*Using a density of 5.675 Kg/Cal (12.5 lbs/gal) for pure PCB.

- (1) Paden City, W.V. Storage Site Owned by Ma-Reb Corp.
 (2) Energy Systems Company (ENSCO) Disposal Facility Located in El Dorado, Ark.
 (3) Institute, W.V. Storage Site Owned and Operated by Union Carbide Corp.
 (4) Chemical Waste Managment Disposal Facility Located in Emelle, Al

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J. G. Orr

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LIQUID FILLED POWER CAPACITORS

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TAG NO.	IN-SERVICE LOCATION	STIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY		COMMENTS
21	Sub E1 & E2	3.1	17.6							
22	31	17	"							3
_23	ît	11	11 .						•*	• • •
24	11	11	11							•
25	11	ti	17							
26	11 '	· tt	"							
_27	11	11	17			***************************************				
28	11	11	11	,						
29	11	. 11	11	•			4			
30	Poly I Tank	11	11	12/26/85	12/26/85		e 10/1/86	CHEM WSTE	(4)	•
31	t1	11	11	11	11	Plant,	. 11	11	βĘ	
32	11	u	tt	71	11	11	TE .	11	ji.	
33	11	11	11	11	- 17	11	II .	11	" 11	•
34	ŧŧ	Ħ	Ħ	11	ti .	tt ,	11	!!	· ir	
35	11	† 1	. 11	11	11	11	11	11	. 11	•
- 36	Sub G MCC	110.	11	·				·	•	•
37	et .	11	11							
38	Sub B MCC	11	11			**			,	·
39	79	· 11	11	·	•					
40	11	-11	11							•
				·						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

COMMENTS: (1)

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(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

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EPA004825

LIQUID	FILLED	POWER	CAPACITORS

TAG NO.	IN-SERVICE LOCATION	STIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
41	Sub B MCC	3.1	17.6				DIDICORU	FACILITY	CARRENIS
42	11	tt .	11						**************************************
43	11	ti .	11						,
44	ii	Ħ	11	^					· .
45	11	n	11						
46	11	11	11						
47	11	11	11						
48	tt	11	11						
49	11	11	11 '						
50	11	***	tř						
51	11	11	11						
52	. 11	11	11						
53	Small Scale (SSP)	11	11	11/22/86	11/22/86	Sistersvill			
54	Sub D MCC	11	11	11/22/00		Plant	-		
55	11	51	, 11						
56	tt	11	11	2/11/86	2/11/86	Si of energi 11	e 10/1/86	CHEM WSTE	(4)
57	tt .	. 11	lt .		2711700	Sistersvill Plant	3 10/1/00	CHEAT WOIL	(4)
58	Basement Bldg. 1	n .	! 1		•				
59	11	tı	11						
60	ft	11	tr						

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

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LIQUID FILLED POLER CAPACITORS

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TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
61	Hasement Bldg. 1	3.1	17.6						100 100 100
62	91	Pf	ft	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
63	11	11	91	ti	11	11	ti	11	11
64	11	11	11	11	11	11	11	11	11 .
65	79	11	.11	87	11	11	11	11	tr
66	11	77	11	11	11	11	tt	91	71
67	11	11 .	11	,n	11	11	11	ft ·	11
68	11	11	11	11.	11	11	11	**	97
69	11	11	ŧı		11	11	Ħ	11	¥Ž
70	11	17	f7	11 .	91	11	n ·	11	11
71	91	11	#1	11	71	11	ft .	110	-11
72	. 11	87	41	11/6/78	11/7/78	Institute	11/8/79	Chem Waste	
73	88	11	Ħ	H-	7 11	11	11	11	11
74	tt.	11	11	91 -	. 11	11	11	11	97
75	11	11	, tī	5/80	5/80	Paden City	12/6/82	ENSCO	(1). (2)
76	01d 42 MCC	11	11					LANGO	
77	n '	11	11						
78	n	11	ft	3/6/79	3/7/79	Institute	11/8/79	Chem Waste	(3), (4)
79	11	11	11	11	11	Paden City		ENSCO	(1),(2)
80	11	√ 11	19	11	11	n	11	11	11
	,	1	***********		 	 		<u> </u>	I

*Using a density of 5.675 Kg/Gal (2.5 lbs/gal) for pure PCB.

COMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.

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(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

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LIQUID FILLED POWER CAPACITORS

TAG NO.	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
81	01d 42 MCC	3.1	17.6	3/6/79	3/7/79	Faden City	12/6/82	ENSCO	(1), (2)
82	11	. 11	11	11	11	11	. 11	11	17
83	***	11	11	11	11	tr	11	19	11
84	**	11	11	1	11	11	tt .	ti	11
85	11	17	Ħ	11	tt	71	11	11	**
86	11	17	11	Ħ	ft	. 11	11	tt '	**
87	tt	· #1	11	. 11	11	11	11	Ħ	II .
88	Ħ	11	11	11	†1	Ħ	11	11	11
89	Ħ	11	11	7)	11	11	11	11	11 .
90_	11	11	71	. 11	11	11	11	11	11
91	11	11	11	11	11	11	**	11	17
92	71	11	11	. 11	11	21	11	11	· ii
93	11	11	11	, Ħ	11	11	11.	11	17
94	75	: 11	91	11	. 11	. 11	11	. 11	. 11
95	Bldg. 33	11	. 11						
96	Sub B Bank B3A	:: 11	11			•	÷		
97	11	11	` .tt						,
98	Sub B Bank B3B	11	11		'				
99	11	. 11	Ħ						
•		, ,							

*Using a density of 5.675 Kg/Gal (2.5 lbs/gal) for pure PCB.

COMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.

(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.

(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.

(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

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EPA004828

'AG NO.	LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
25	Sub 32-H-1	630	0.4	11/15/84	N/A	N/A	See (1)	See (1)	PCB content = 111 ppm
Marie Constitution of the									(6/14/84 Retest)
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*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for dielectric fluid. Kg PCB = (Gal)(5.675)(PPM)

COMMENTS: (1) Transformer 25 sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to a non-PCB transformer. Shipped on 11/15/84.

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EPA004829

			•				•		
MATERIAL	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL) Phs	PCB*	DATE REMOVED FROM SERVICE	DATE	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
Therminol	Small Scale	1665	1.19	3/6-5/8 1985	3/6-5/8/	85 Sisters	5/18/85	Rollins Envir.	(1)
60	Production Heat Trans-	,		3, 5 3, 6 1,003	3,0-3,0,	ville	37 107 03	Envir.	
	fer System	·						· ·	
	To: System								
		*							
Solids	**	1072 lbs	0.21	. 11	11	fr '		. 11	11
						, , , , , , , , , , , , , , , , , , , 			
*									
Insulation	11	278 lbs	0.05	11	"	11	11,	11	11
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*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = (Gal)(3.76)(190 ppm)

(1) Rollins Environmental Services, Inc. Located in Deer Park, Texas

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PCB ANNUAL INVESTORY LIQUID FILED POWER CAPACITORS

	·	Quantity	<u>r</u> x	PCB's (Kg Each)	PCB's = (Kg Total)
1.	Capacitors in Service on 12/31/86	52	,	17.6	915.2
	Total	52			915.2
2.	Capacitors Removed from Service and Placed in Storage in 1986	4 ,		-	148.8
·3•	Capacitors in Storage from Previous Year on 1/1/86	10		_	176.0
4.	Capacitors Transported from Storage to Disposal in 1986	11		-	193.6
5.	Capacitors in Storage on 12/31/86 (2+3-4)	3		• •	131.2
6.	Capacitors Transported to Disposal in Previous Years	33		17.6	580.8
		, a4	Ψ̈.		
Tota	al of 1 + 4 + 5 + 6	99			1820.8
Capa	acitors in Service on 7/2/78	99			1820.8

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V.11A.12

PCB ANNUAL INVENTORY

TRANSFORMERS

Quantity	PCB's x (Kg Each)	PCB's = (Kg Total)
o	÷_	0
0		.0
0	-	0
0	0	0
0	-	0
1	-	0.4
1		0.4
1		0.4
	o o o	Quantity x (Kg Each) 0 - 0 - 1 -

*Based on 6/14/84 retest of PCB content on Transformer #25. Retest showed 112 ppm; previously used PCB content was 99 ppm.

**Transformer sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to non-PCB transformer. Shipped 11/15/84.

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V.02A.26

PCB ANNUAL INVENTORY

HEAT TRANSFER FLUIDS

		PCB's (Kg Total)
1.	Heat Transfer Fluid in Service on 12/31/86	0
2.	Heat Transfer Fluid Removed from Service and Placed in Storage in 1986	0
3.	Heat Transfer Fluid in Storage from Previous Year on 1/1/86	0
4.	Heat Transfer Fluid Transported from Storage to Disposal in 1986	0
5.	Heat Transfer Fluid in Storage on 12/31/86	0

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Heat Transfer

								,		
	MATERIAL	HOW GENERAGED	TOTAL WEIGHT OF WASTE (LBS	PCB*	DATE WASTE GENERATED	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
:,	Solids	Retrofittin of Small Scale	g 1072	0.21	3/6/85 - 5/8/85	3/6/85- 5/8/85	Sistersvill	e 5/18/85	Rollins Env. Ser. (TX)	(1) (2)
•	Insulatic	Productio	'	0.05	3/6/85-5/8/85	3/6/85- 5/8/85	Sistersvill	e 5/18/85	11	н п
	Therminol 60		13802	1.19	. 11	11	11	11	. 11	11 11 .
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	•							•		
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*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = (Gal)(3.76)(190 ppm)

(1) Sistersville Plant storage site - owned and operated by Union Carbide Corp.(2) Rollins Environmental Services, Inc. (TX) Location Deer Park, Texas

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